

# Solar Industry Workforce Development Regional Profiles

**Barbara Halsey**  
California Workforce Investment Board

# Regional Workforce Profiles



## CALIFORNIA WORKFORCE INVESTMENT BOARD

Workforce Needs for Large Scale Solar Projects

San Benito County

San Jose Sunnyvale Santa Clara MSA (Includes San Benito County)	Current Month July 2010 Labor Market Statistics	2009 Annual Average Labor Market Statistics	2008 Annual Average Labor Market Statistics
Labor Force (Employed & Unemployed)	911,900	902,800	899,100
Employed	806,900	802,900	844,600
Unemployed	105,000	100,000	54,500
Unemployment Rate	11.5%	11.1%	6.1%
<b>Industry Employment related to Solar Industry</b>			
Construction	31,000	33,900	44,200
Transportation, Warehousing, and Utilities - Residual	1,700	1,600	1,700

Source: EDD/LMID, Current Employment Statistics, [www.labormarketinfo.edd.ca.gov](http://www.labormarketinfo.edd.ca.gov)

75 Registered Apprenticeship Programs and  
115 Apprentices in the Construction Industry

Source: Department of Industrial Relations, [www.dir.ca.gov](http://www.dir.ca.gov), data  
generated Sep. 13, 2010.

### Local Workforce Investment Board

San Benito County Workforce Investment Board

Ms. Kathryn D. Flores, Director

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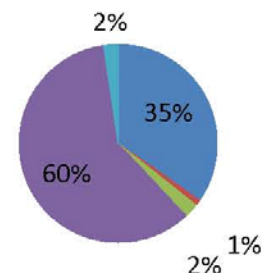
(831) 636-4180

FAX (831) 637-9754

[www.sbcjobs.org](http://www.sbcjobs.org)

### San Benito County Demography 2008

■ White ■ Black/African American ■ Asian ■ Hispanic/Latino ■ Other



Source: Department of Finance, Ethnic Population Estimates, [www.dof.ca.gov](http://www.dof.ca.gov)

# Regional Staffing Patterns

	Construction Industry ( San Benito County) Staffing Pattern		2010	Quarter Wages
SOC Code	Occupational Title	May 2009 Employment Estimates	Mean Hourly Wage	Mean Annual Wage
11-1021	General and Operations Managers	50	59.04	122,789.00
11-9021	Construction Managers	(3)	55.61	115,662.00
13-1051	Cost Estimators	(3)	30.15	62,702.00
43-3031	Bookkeeping, Accounting, and Auditing Clerks	30	21.55	44,820.00
43-6011	Executive Secretaries and Administrative Assistants	(3)	22.17	46,094.00
43-9061	Office Clerks, General	(3)	15.57	32,372.00
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	50	35.07	72,940.00
47-2031	Carpenters	90	33.04	68,707.00
Source:	EDD/LMID,OES Staffing Patterns, <a href="http://www.labormarketinfo.edd.ca.gov">www.labormarketinfo.edd.ca.gov</a>			

## Data Footnotes:

- (1) The "Mean Relative Standard Error" is a measure of the relative precision of the wage estimate. A low number denotes relatively high validity.
  - (2) For some occupations, workers may not work full-time all year-round. For these occupations it is not feasible to calculate an hourly wage.
  - (3) An estimate of employment could not be provided.
  - (4) An estimate of wage could not be provided.
  - (5) There is wide variation in the number of hours worked by those employed as actors, dancers, musicians, and singers. Many jobs are for a duration of 1 day or 1 week and it is extremely rare for a performer to have guaranteed employment for a period that exceeds 3 to 6 months.
- \* The survey reference dates for this data spanned from the 4th quarter 2006 to the 2nd quarter 2009. A substantial amount of the data was collected at a time when California minimum wage was below the current minimum wage of \$8.00 per hour. Since these wages were updated to 2010, and the minimum wage changed to \$8.00 per hour on January 1, 2008, wages below \$8.00 were set to \$8.00 per hour

# Local Workforce Investment Boards

## Benefits to Employers

- Access to a large workforce pool
- Assistance with workforce recruitment, screening, assessment
- Development of on-the-job and customized training opportunities
- Placement assistance, including financial support for tools/uniforms
- Diverse Workforce Investment Board membership to facilitate connection into the local community
  - Unions
  - Community Colleges
  - Economic Development Organizations
- Access to Labor Market Information

## Job Seekers

- Universal access to job search and labor market information
- Advice, counseling, and support
- Employer driven Education and skills training; including the **Clean Energy Workforce Training Program**

# How to Get Involved with Your Local Workforce Investment Board



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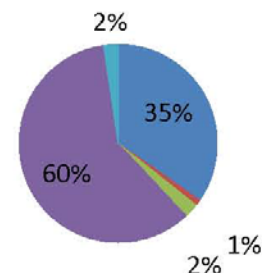
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# Contact Information:

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California Workforce Investment Board

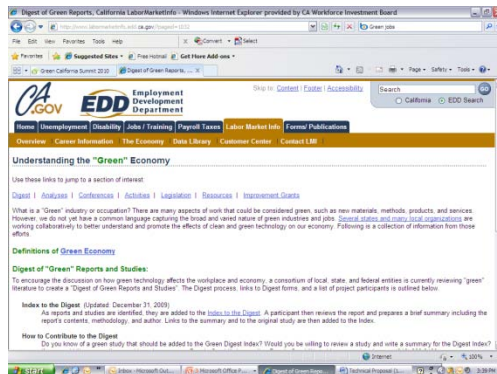
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# Additional Resources



EDD –Understanding the Green Economy  
<http://www.labormarketinfo.edd.ca.gov/?pageid=1032>



Next 10  
<http://www.next10.org/index.html>